

Maslyanskii, G. N., Bursyan, N. R. and others.
ON CERTAIN TECHNOLOGICAL PROBLEMS IN
CATALYTIC REFORMING. Jan 62, 6p.
Order from ICE in v. 2, no. 1, \$15.00/year

Trans. of Khim[ia] i Tekh[nologiya] Topliv i Masel
(USSR) 1961 [v. 6] no. 8, p. 1ff.

DESCRIPTORS: *Catalysis, Platinum catalysts, *Petroleum, Hydrocarbons, Reactors, *Chemical engineering.

(Engineering--Chemical, TT, v. 8, no. 10)

62-34304

- I. Maslyanskii, G. N.
- II. Bursyan, N. R.
- III. International Chemical Engineering, New York

Office of Technical Services

Silich, M. I., Sidorov, I. P. and others.
AN IMPROVED PROCESS FOR THE PRODUCTION
OF ALCOHOLS BY THE OXO SYNTHESIS USING A
SUSPENDED CATALYST. [1961] 7p.
Order from ATS \$10.35 ATS-61P58R

Trans. of Khim[iya] i Tekhnol[ogiya] Topliv i Masel
(USSR) 1961, v. 6, no. 8, p. 19-24.

DESCRIPTORS: *Alcohols, Production, Oxo process,
Catalysts.

(Engineering--Chemical, TT, v. 7, no. 10)

62-12648

- I. Silich, M. I.
- II. Sidorov, I. P.
- III. ATS-61P58R
- IV. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

The Use of Residual Fuels in Gas Turbines,
by E. V. Losikov, et al.

RUSSIAN, per, Khim i Tekh Topliva i Masel,
No 8, 1961, pp 47-5A
3.

NIL M. 4680

OTS 69-11122
201,024

Sci - Fuels
Jun 62

The Evaluation of the Lacquer Forming Tendencies
of Lubricating Oils, by V. S. Demchenko.

RUSSIAN, per, Khim i Tek Topliv i Masel, Vol VIII,
1961, pp 53-57.

02-18-4 1807 0443

TRC 105C

Thornton Research Center

188,948

Sci - Chem

Mar 62

Sharapov, V. I., Semenido, E. G., and Shehegolev,
N. V.
REGULATION OF THE FRACTIONAL COMPOSITION
OF LUBE OIL BASES: A MEANS OF BASIC
QUALITY IMPROVEMENT. [1961] 7p.
Order from ATS \$10.25 ATS-42N58R

Trans. of Khim[ia] i Tekhnologiiya Topliv i Masel
(USSR) 1961, v. 6, no. 9, p. 32-37.

DESCRIPTORS: *Lubrication, *Oils, Fractionation,
Quality control.

(Materials--Lubricants, TT, v. 7, no. 10)

62-12642

I. Sharapov, V. I.
II. Semenido, E. G.
III. Shehegolev, N. V.
IV. ATS-42N58R
V. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Molisekov, S. P. and Starobinets, I. S.
CHIMIE DU PROCESSUS D'OXYDATION DES
HYDROCARBURES (Oxidation Processes of Hydrocarbons)
Oxidatsiya Sloznykh Vеществ (The Process of Forming
Oxidized Substances). 10p. 12 refs. FR-2323.
Order from OTS, ETC or CNRS \$0.60 62-26447

Trans. in French of Khimiya i Tekhnologiya Topliv i
Mazut (USSR) 1961, v. 6, no. 9, p. 41-47.

DESCRIPTORS: Mineral oils, Hydrocarbons,
Oxidation, *Oxidation.

Engineering--Chemical, IT, v. 10, no. 9)

62-26447

I. Molisekov, S. P.
II. Starobinets, I. S.
III. F/A-2323
IV. Centre National de la
Recherche Scientifique,
Paris (France)

Office of Technical Services

Strazh, A. G.
PRODUCT COST CALCULATION IN PETROLEUM
REFINING. [1962] p.
Order from ATS \$7.20

ATS-43N58R

Trans. of Khim[ya] i Tekhnol[ogiya] Topliva i Masel
(USSR) 1961, v. 6, no. 9, p. 51-54.

DESCRIPTORS: *Petroleum, Processing, Costs.

(Engineering--Chemical, TT, v. 8, no. 2)

62-17295

- I. Strazh, A. G.
- II. ATS-43N58R
- III. Associated Technical
Services, Inc.

Office of Technical Services

Karelin, Ya. Z., Nazarov, I. I. and others.
AN EXPERIMENTAL STUDY OF TWO-STAGE
BIOCHEMICAL TREATMENT OF WASTE WATERS
FROM THE ORSK PETROLEUM REFINERY ELEC-
TRIC DESALTING UNIT. [1962] 6p.
Order from ATS \$8.25

ATS-92P58R

Trans. of Khim[ia] i Tekhnol[ogiya] Topl[iv] i Masel
(USSR) 1961, v. 6, no. 11, p. 23-27.

DESCRIPTORS: Petroleum, Refineries, *Water,
*Chemical waste, Electrical equipment, *Biochemis-
try, Desalination.

(Engineering--Chemical, TT, v. 8, no. 1)

62-12799

- I. Karelin, Ya. Z.
- II. Nazarov, I. I.
- III. ATS-92P58R
- IV. Associated Technical
Services, Inc.,
East Orange, N. J.

ATS-RJ-3308

Office of Technical Services

The Effect of Additives on the Formation of
Deposits in Fuel T-1 at High Temperatures, by
Yu. V. Snitserov.

RUSSIAN, per, Khimiya i Tekh Topliva i Masel,
No 11, 1961, pp 55-59.

MLL M. 4854

Sci. - Chem

207,180

Aug 62

Mushenko, D. V., Levina, M. I. and others.
SEMICOMMERCIAL TRIAL OF CATALYTIC DEAS-
PHALTING PROCESS FOR WHOLE CRUDE. [1962]
9p.

Order from ATS \$8.60 ATS-94P61R

Trans. of Khim[iya] i Tekhnol[ogiya] Topliv i Masel
(USSR) 1961, v. 6, no. 12, p. 1-7.

DESCRIPTORS: *Petroleum, *Asphalt, Separation,
Catalysis.

ATS-RJ-3659

(Engineering--Chemical, TT, v. 8, no. 10)

62-22127

- I. Mushenko, D. V.
- II. Levina, M. I.
- III. ATS-94P61R
- IV. Associated Technical Services,
Inc., East Orange, N. J.

Office of Technical Services

Synthesis and Properties of Arylsteoric Esters, by
M. G. Rudenko, Yu. P. Sobolev, et al, 7 pp.

RUSSIAN, per, Khim I Tekh Topliv I Masel, No 12,
1961, pp 7-11. 9666830

FTD-TT-62-1024

Sol - Chem
Nov 62

216,874

Vishnyakova, T. P., Pauskhin, Ya. M. and others.
EFFECT OF THE CHEMICAL COMPOSITION OF
HYDROCARBONS AND OF STEAM ON THE FORMA-
TION DYNAMICS OF OLEFINS IN HIGH TEMPERA-
TURE PYROLYSIS. [1963] [5]p.

Order from CTS or SLA \$1.10

63-14325

Trans. of Khim[ia] i Tekhnol[ogiya] Topliv i Masel
(USSR) 1961 [v. 6] no. 12, p. 11-14.

DESCRIPTORS: *Ethylenes, *Propenes, *Hydrocarbons,
*Steam, Gases, *Pyrolysis, Reaction kinetics.

The quality of starting raw-material affects in gasifica-
tion processes, the gas composition and also the yield
in olefins. Greatest olefin content is produced during
gasification of the fraction 200-300 C and of cetane.
Gas with the greatest olefin content (24-38%) is pro-
duced at a residence time of 0.5-0.6 sec., to which
(Chemistry--Physical, TT, v. 10, no. 3) (over)

63-14325

I. Vishnyakova, T. P.
II. Pauskhin, Ya. M.

Office of Technical Services

Aliev, T.M., Leitman, Yu.S. and others.
DETERMINATION DE LA TENEUR DES MAZOUTS EN
RESINES (GODIDRONS) (Ob Opredelenii Soderzhaniya
Smol v Mazutakh) (Determination of the Amount of
Resins (Goddron) in Mazut). 13p. (foreign text included)
CNRS-VI 816.

Order from OTS, ETC or CNRS \$0.80 TT-62-28796

Trans. in French of Khimiya i Tekhnologiya Topliv i
Mazel (USSR) 1961, no. 12, p.15-18.

DESCRIPTORS: *Mineral oils, Petroleum, Analysis.
*Dielectric properties.

(Chemistry--Analytical, TT, v. 11, no. 7)

TT-62-28796

- I. Aliev, T.M.
- II. Leitman, Yu.S.
- III. CNRS-VI 816
- IV. Centre National de La Recherche Scientifique, Paris

Office of Technical Services
European Translations Centre

Lessening the Corrosive Action of Anti-Abrasive
Additives Without Impairing Their Effectiveness,
by Yu. S. Zaslavsky, G. I. Shor, et al, 10 pp.

Rhine i Vichy Poplin i Mout, Nov,
HESSIAN, per, ~~XXXXXXXXXX~~,
~~XXXXXXXXXX~~, pp 39-43. 9666831

1961,

FED-TR-62-1091

Sci - Phys
Nov 62

216,873

OTS 62-1091

Artyukhov, I. M.
METHOD OF TREATMENT OF EXPERIMENTAL
DATA IN MODELLING OF HETEROGENEOUS PROC-
ESSES FOR CHEMICAL CONVERSION OF SUBSTANCE
(DISCUSSION). [1963] [8p] Srefs
Order from OTS or SLA \$1.10

63-20256

Trans. of Khim[ia] i Tekhnol[ogiya] Topliv i Masel
(USSR) 1961 [v. 6] no. 12, p. 55-57.

DESCRIPTORS: *Hydrocarbons, *Pyrolysis, Catalysis,
Reduction (Chemistry), Oxidation, Experimental data,
Heat transfer, Reaction kinetics.

A new method is proposed for treatment of experimental
data with the goal of modelling reaction dispositives
based on the proportionality between substance con-
version and the heat transfer on catalyst grain surface.
It is shown, that conversion degree can be determined
(Chemistry-Physical, TT, v. 10, no. 11) (over)

63-20256

I. Artyukhov, I. M.

Office of Technical Services

(SP-2193)

The Oil & Reprocessing Industry in 1962,
5 pp.

RUSSIAN, per, Khim i Tekh Toplivo i
Masel, No 1, 1962, pp 1-4.

JPRS 13378

USSR
Econ
Apr 62

190, 2/6

(SF-2193)

The Oil Reprocessing and Chemical Industry in
the Azerbaydzhan Sovnarkhoz, by R. G.
Ismailov, L. V. Ivanova, R. Sh. Sverdlov.

RUSSIAN, per, Khim i Tekh Toplivo i Masel,
No 1, 1962, pp 4-8.

JPRS 1X3378

190,217

USSR
Econ
Apr 62

Ad.I'son, S. V. and Zaitova, A. Ya.
BASIC RELATIONSHIPS IN THE OXIDATION OF
COKE ON THE SURFACE OF SILICA-ALUMINA
BEA CATALYSTS. [1962] 9p.
Order from ATS 41-25

ATS-07161R

Trans. of Khimiyu i Tekhnologiya Toplei Mas. i
(USSR) 1962, v. 7, no. 1, p. 25-31.

DESCRIPTORS: *Coke, Oxidation, *Alumina-silica
catalysts, Catalysts, Catalysis, Surface properties.

45-163-3139

(Chemistry--Physical, TT, v. 8, no. 4)

62-17739

- I. Ad.I'son, S. V.
- II. Zaitova, A. Ya.
- III. ATS-07161R
- IV. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

Shekhter, Yu. N. Kalashnikov, V. P., and
Goryacheva, V. I.

THE NITRATION OF MINERAL OILS. [1963] [8p]
23 refs

Order from OTS, SLA, or ETC \$1.10 TT-63-20257

Trans. of Khim[ia] i Tekhnol[ogiya] Topliv i Masel
(USSR) 1963 (V. 7, no. 1) p. 40-45. (Abstract
available)

DESCRIPTORS: *Nitration, *Mineral oils, *Lubricant
additives, Fuel oil, Surface-active substances,
Corrosion, Antioxidants,

Technology of production of a new oil-soluble corrosion
inhibitor - the nitrated oil - was developed. Composi-
tion of a new liquid protective lubricant NG-204 was
developed on the basis of nitrated oil; this composition
surpasses in efficiency analogous protective lubricants
and is prospective from standpoint of production
simplicity and raw-material availability. (Author)

TT-63-20257

I. Shekhter, Yu. N.
II. Kalashnikov, V. P.
III. Goryacheva, V. I.

(Materials--Lubricants,
TT, v. 11, no. 4)
Office of Technical Services

62-17709

Aleksandrov, I. A. and Skoblo, A. I.
BASIC CHARACTERISTICS AND FIELDS OF APPLI-
CATION OF VARIOUS TRAY DESIGNS FOR FRAC-
TIONATING AND ABSORPTION COLUMNS. [1962]
6p.

Order from ATS \$11.40

ATS-72P60R

Trans. of Khim[ia] i Tekhnol[ogiya] Topliv i Masel
(USSR) 1962, v. 7, no. 1, p. 45-50.

DESCRIPTORS: *Laboratory equipment, Towers
(Chemistry), Conveyors, Design, *Fractionation,
*Absorption.

(Engineering--Chemical, TT, v. 8, no. 4)

- I. Aleksandrov, I. A.
- II. Skoblo, A. I.
- III. ATS-72P60R
- IV. Associated Technical Serv-
ices, Inc., East Orange,
N. J.

ATS 17-3826

Office of Technical Services

Puchkov, N. G., Borovnya, M. S. and others.
SERVICE PROPERTIES OF BASE OILS WITH VAR-
IOUS TREATING METHODS. [1962] 9p.
Order from AIS 512.25 AIS-1160R

Trans. of Khim[ya] i Tekhnol[ogiya] Topliy i Masel
(USSR) 1962, v. 7, no. 1, p. 50-59.

DESCRIPTORS: *Oils. Physical properties. Process-
ing. *Petroleum.

62-17740

I. Puchkov, N. G.
II. Borovnya, M. S.
III. AIS-1160R
IV. Associate Technical Serv-
ices, Inc., East Orange,
N. J.

The Extraction of Aromatic Hydrocarbons
with Sulfolan, by I. S. Vol'fson, E. S.
Aramyan, I. P. Yudintseva, N. A. Khasanova,
7pp.

RUSSIAN, per, Khimiya i Tekhnologiya Topliv
i Masel, Vol 8, No 2, 1963, pp 6-9.

CFSTI TT-64-19472.

322,340

Sci - Chemistry
Mar 67

(DC-67440)

Some Data on the Economic Effectiveness
of Chemical Methods in Petroleum Refining,
by V. M. Andrianov, 11 pp.

RUSSIAN, per, Khim i Tekh Toplivo i Masel,
1962, No 2, pp 37-40.

JPRS 13439

192,126

USSR

Econ

Apr 62

New Additives to Fuels and Lubricants,
by Ya. B. Chertkov, 8 pp.
RUSSIAN, per, Khimiya i Tekhnologiya
Topliv i Masel, Vol VII, No 3, 1962,
9697866
FTD-TT-65-62

Sci-Fuels & Prop
Jul 65

263,565

Bergo, B.G., Monko, Ya.D. and Platonov, V.M.
EFFETS THERMIQUES LORS DU FRACTIONNEMENT
DES MELANGES A CONSTITUANTS MULTIPLES
(O Teplovyykh Effektakh pri Rektifikatsii Mnogokompo-
nentrykh Smesii) (Thermal Effect of Multicomponent
Rectifications), 14p. (foreign text included) CNRS-VI
832.

Order from OTS, ETC or CNRS \$0.80 TT-62-29193

Trans. in French of Khimiya i Tekhnologiya Topliv i
Masel (USSR), 1962, no.3, p.1-4.

DESCRIPTORS: "Distillation, Mixtures, Thermodyna-
mics, Computers.

(Chemistry--Physical, TT, v. 11, no. 7)

BB

TT-62-29193

- I. Bergo, B.G.
- II. Monko, Ya.D.
- III. Platonov, V.M.
- IV. CNRS-VI 832
- V. Centre National de la Recher-
che Scientifique, Paris

Office of Technical Services
European Translations Centre

Kuliev, R. Sh., Dreizin, M. M. and others.
THE RERUNNING PROCESS IN LUBE OIL PRODUCTION. [1962] 5p.
Order from ATS \$6.00

ATS-61P63R

Trans. of Khim[iya] i Tekhnol[ogiya] Topliv i Masel
(USSR) 1962, v. 7, no. 3, p. 23-26.

DESCRIPTORS: *Lubrication, *Oils, Production.

(Materials--Lubricants, TT, v. 8, no. 11)

62-34206

- I. Kuliev, R. Sh.
- II. Dreizin, M. M.
- III. ATS-61P63R
- IV. Associated Technical
Services, Inc., East
Orange, N. J.

HIS-61-63R

Office of Technical Services

Process for the Thermal Dealkylation of
Aromatic Hydrocarbons, by M. G. Gonikberg.

RUSSIAN, per, Khim i Tekh Toplivo i Masel,
No 3, 1962, pp 29-33.

ML N 8853

Sci - Chem
Mar 63

~~SECRET~~
224,281

Papok, K. K. and Berenson, S. P.
DIE KOAGULATION DER DISPERSEN PHASE ALS UR-
SACHE VON LACKBILDUNGEN IM MOTOR (The Coagu-
lation of the Disperse Phase as Cause of the Formation
of Lac in the Motor). 13p. 16 refs. (text in German).
Order from OTS or ETC \$1.85 62-26160

Trans. in German of Khimiya i Tekhnologiya Topliv i
1962 [v. 7] no. 3, p. 50-55.

DESCRIPTORS: *Mineral oils, Coagulation, Carbon,
*Metals, Surfaces, High temperature research.

(Materials--Lubricants, TT. v. 9, no. 8)

62-26160

I. Papok, K. K.
II. Berenson, S. P.

Office of Technical Services

Pavlova, S. N., Dryatskaya, Z. V., and
Mkhchyan, M. A.
DETERMINATION OF THE CONTENT OF NORMAL
METHANIC HYDROCARBONS IN GASOLINE FRAC-
TIONS BY MEANS OF MOLECULAR SIEVES. [1963]
6p. 8 refs.

Order from SLA \$1.10

63-18411

ATS 88.00

ATS-61Q70R

Trans. of Khimiya i Tekhnologii Topliv i Mass
(USSR) 1962, v. 7, no. 3, p. 58-60.

DESCRIPTORS: *Gasoline, Fractionation, *Hydrocar-
bons, Analysis, *Heptanes, *Octanes, *Benzenes,
Methyl radicals, *Absorbance.

(Chemistry--Analytical, TT, v. 10, no. 7)

63-18411

I. Pavlova, S. N.
II. Dryatskaya, Z. V.
III. Mkhchyan, M. A.

ATS RJ-3970

Office of Technical Services

Kvitkovskii, L. N. and Grushetskaya, E. V.
THE DETERMINATION OF NORMAL PARAFFINIC
HYDROCARBONS IN GASOLINES WITH THE AID
OF MOLECULAR SIEVES. [1963] 5p.
Order from ATS \$8.00 ATS-62Q70R

Trans. of Khim[ya] i Tekhnol[ogiya] Topliv
i Masel (USSR) 1962, v. 7, no. 3, p. 61-64.
Another trans. is available from OTS or SLA \$1.10
as 69-18415 [1963] [7]p.

DESCRIPTORS: *Gasolines, *Alkanes, Determination,
*Absorbents

(Materials--Fuels, TT, v. 10, no. 8)

63-22143

I. Kvitkovskii, L. N.
II. Grushetskaya, E. V.
III. ATS-62Q70R
IV. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Kuliev, R. Sh., Dreizin, M. M. and others.
THE PRODUCTION OF TRANSFORMER AND TUR-
BINE OILS FROM BAKU CRUDES BY ADSORPTION
REFINING. [1962] 8p.
Order from ATS \$10.50

ATS-59P63R

Trans. of Khim[iya] i Tekhnol[ogiya] Topliv i Masel
(USSR) 1962, v. 7, no. 4, p. 15-21.

DESCRIPTORS: *Transformers, *Turbines, *Oils,
Production, Petroleum, Adsorption.

45-3641
(Engineering-Chemical, TT, v. 8, no. 11)

62-34207

- I. Kuliev, R. Sh.
- II. Dreizin, M. M.
- III. ATS-59P63R
- IV. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

62-34208

Kel'tsev, N. V., Nazarov, B. G., and
Tororeshnikov, N. S.
THOROUGH DRYING OF TRANSFORMER OIL BY
ADSORPTION. [1962] 6p.
Order from ATS \$7.50 ATS-60P63R

Trans. of Khim[iya] i Tekhnol[ogiya] Topliv i
Masel (USSR) 1962, v. 7, no. 4, p. 21-24.

DESCRIPTORS: *Transformers, *Oils, Dehydration,
Adsorption.

(Chemistry--Physical, TT, v. 8, no. 11)

I. Kel'tsev, N. V.
II. Nazarov, B. G.
III. Tororeshnikov, N. S.
IV. ATS-60P63R
V. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

TT-63-26919

Lipovskaya, K.S. and Voznesenskaya, E.V.
PARAFFINES A BAS POINT DE FUSION A PARTIR DU
PETROLE ORIENTAL (Lugkoplavkie Parafiny iz Vos-
tochnykh Neftei)(Paraffins with low Melting Point from
Oriental Petroleum) 14p. (Foreign text included) 2 refs.
GR-830.

Order from OTS, ETC or CNRS 50, 80 TT-63-26919

Trans. in French of Khimiya i Tekhnologiya Topliv i
Masel (USSR) 1962, v.7, no.4, p.25-29

DESCRIPTORS: *Petroleum, *Waxes, Melting, Experi-
mental data.

I. Lipovskaya, K.S.
II. Voznesenskaya, E.V.
III. CNRS-GR-830.
IV. Centre National de la Recher-
che Scientifique, Paris

(Materials-Prod) TT v. 11, no. 7)

Office of Technical Services
European Translation Centre

Razumov, I. M.
CALCULATING PNEUMATIC TRANSPORT OF SOLID
CATALYSTS, Oct 62 [5]p. 12 refs.
Order from ICE in v. 2, no. 4, \$15.00/year

Trans. of Khim[iya] Tekh[nologiya] Topliva i Masel
(USSR) 1962 [v. 7] no. 4, p. 41ff.

DESCRIPTORS: *Catalysts, Transportation, *Conveyors,
*Pneumatic systems, Mathematical analysis, *Chemical
engineering.

(Engineering-Chemical, TT, v. 9, no. 6)

63-12336

I. Razumov, I. M.
II. International Chemical
Engineering, New York

Office of Technical Services

The Investigation of Used Oils Containing
Detergent Additives by Means of the Electron
Microscope, by A. B. Vipper, B. I. Leot'yev, 10 p.

RUSSIAN, per, Khim i Tekh Toplivo i Masel, No 4,
pp 53-56, 1962.

OF 7137

Thornton 1072

075 63-26584

Sci - Chem, Fuels

218,854

Dec 62

Alekseeva, K. V. and others.
THE INFLUENCE OF VARIOUS PROCESS PARAMETERS IN PREPARATIVE CHROMATOGRAPHY.
9 Aug. 1962, 13p. 13 refs. MTWL-1121.
Order from OTS or ETC \$0.80

63-26230

Trans. of Khimiya i Tekhnologiya Topliv i Masel
(USSR) 1962 [v. 7] no. 4, p. 60-66.

DESCRIPTORS: *Chromatographic analysis, Gases,
Pipes, Velocity.

(Chemistry--Analytical, TT, v. 10, no. 8)

63-26230

- I. Alekseeva, K. V.
- II. MTWL-1121
- III. Stichting Moeilijk Toegankelijke Wetenschappelijke Literatuur, Delft (Netherlands)

Office of Technical Services

Kyazimov, A. A., Fedotova, A. F. and others.
PLANT TEST OF ROTATING-DISK CONTACTOR.
[1962] 5p.

Order from ATS \$6.75

ATS-56P63R

Trans. of Khim[ia] i Tekhnol[ogiya] Topliv i Masel
(USSR) 1962, v. 7, no. 5, p. 10-13.

DESCRIPTORS: *Bodies of revolution, Disks, Motor
starters, Tests.

(Engineering--Chemical, TT, v. 9, no. 1)

62-34249

- I. Kyazimov, A. A.
- II. Fedotova, A. F.
- III. ATS-56P63R
- IV. Associated Technical
Services, Inc., East
Orange, N. J.

ATE RT-3357

Office of Technical Services

Characteristics of the Ultraviolet Spectra of
Some Types of Aromatic Hydrocarbons, by
A. Siryuk, K. Zimina. 8AP

RUSSIAN, per, Khim i Tekh Top i Masel, No 5,
1962, pp 23-26.

CSIRO/No 6197

OTS 63-19973

Sci-Chem

Aug 63

341,968

Hydropurification of a Refined Diesel Oil,
by O. Sh. Kuliysv, B. A. Sadykhov, 5 pp

RUSSIAN, per, Khim i Tekh Toplivo i Masla,
No 5, 1962, pp 32-34. 9668254

FTD-TT-62-1735
ATS -RJ-3644

Sci-Chem
paper 63

202,084

Kalantar, N. G., Glazunov, V. I. and others.
COMPOSITION AND PROPERTIES OF TRANS-
FORMER OIL DISTILLATE FROM TUMAZY
CRUDE. [1962] 8p.
Order from ATS \$9.50

ATS-58P63R

Trans. of Khim[iya] i Tekhnol[ogiya] Topliv i Masel
(USSR) 1962, v. 7, no. 5, p. 43-49.

DESCRIPTORS: *Transformers, *Oils, Chemical
properties, Physical properties, Petroleum,
Processing.

(Engineering--Chemical, TT, v. 8, no. 11)

62-34199

- I. Kalantar, N. G.
- II. Glazunov, V. I.
- III. ATS-58P63R
- IV. Associated Technical Services,
Inc., East Orange, N. J.

Office of Technical Services

Lulova, N. I., Piguzova, L. I. and others.
STUDY OF MOLECULAR-SIEVE-TYPE ADSORBENTS
WITH THE AID OF GAS CHROMATOGRAPHY. [1962]
5p.

Order from ATS \$7.00

ATS-27P63R

Trans. of Khim[ia] i Tekhnol[ogiya] Topliv i Masel
(USSR) 1962, v. 7, no. 5, p. 70-73.

DESCRIPTORS: *Adsorbents, *Gas chromatography.

(Engineering--Chemical, TT, v. 9, no. 1)

62-34248

1. Title: Molecular sieves
- I. Lulova, N. I.
- II. Piguzova, L. I.
- III. ATS-27P63R
- IV. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Manashilin, V. V., Manakov, N. Kh. and others.
ENGINEERING DEVELOPMENT OF A NEW FLUIDIZED
CATALYTIC CRACKING SYSTEM. Oct 62 [7]p.
Order from ICE in v. 2, no. 4, \$15.00/year

Trans. of Khimiya i Tekhnologii Topliv i Masel
(USSR) 1962 (v. 7) no. 6, p. 41ff.

DESCRIPTORS: *Coke, Decomposition, Towers
(Chemistry), *Catalysts, *Alumina-silica catalysts,
Fluidized solids, *Chemical engineering.

(Engineering--Chemical, TT. v. 9, no. 6)

63-12345

I. Manashilin, V. V.
II. Manakov, N. Kh.
III. International Chemical
Engineering, New York

Office of Technical Services

Muzychenko, V. P. and Solov'eva, N. V.
METHOD OF DETERMINING PHOSPHORUS IN AD-
DITIVES AND ADDITIVE OILS. [1962] 6p.
Order from ATS \$7.25
ATS-63P65R

Trans. of Khim[ia] i Tekhnol[ogiya] Topliv i Masel
(USSR) 1962, v. 7, no. 6, p. 61-64.

DESCRIPTORS: *Phosphorus, Determination,
*Additives, *Oils.

(Chemistry--Analytical, TT, v. 9, no. 5)

63-12478

- I. Muzychenko, V. P.
- II. Solov'eva, N. V.
- III. ATS-63P65R
- IV. Associated Technical
Services, Inc., East
Orange, N. J.

ATS AT-4067

Office of Technical Services

Kaganov, S. A., Levinter, M. Kh., and Medvedeva,
M. I.
KINETICS OF ASPHALTENE COKING. [1962] 8p.
Order from ATS \$10.00
ATS-28P65R

Trans. of Khimicheskaya Tekhnologiya i Topliv i Massel
(USSR) 1962, v. 7, no. 7, p. 38-43.

DESCRIPTORS: Bitumens, Asphalt, Coke, Reaction
kinetics.

(Engineering-Chemical, TT, v. 9, no. 5)

63-12497

62-124/2

- I. Title: Asphaltene
1. Kaganov, S. A.
II. Levinter, M. Kh.
III. Medvedeva, M. I.
IV. ATS-28P65R
V. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

Subbotin, A. I., Kogan, P. S., and Kazarnovskii, S. N.

PYROLYSIS OF THE BUTYLENE FRACTION IN THE PRESENCE OF OXYGEN. [1963] [8]p. 13 refs. Order from OTS or SLA \$1.10 63-18887

Trans. of Khim[ist] Tekhnologiya i Masel (USSR) 1962, v. 7, no. 8, p. 1-6.

DESCRIPTORS: *Butenes, *Acetylenes, *Ethylenes, Pyrolysis, Oxygen, Reaction kinetics.

Commercial butylene fraction was pyrolyzed in the presence of oxygen at 1200 C under 60-120 mm Hg and at a gas residence time of 0.001 sec. in mixture with hydrogen. The process was investigated by the dynamic method, varying the oxygen content up to 38 vol. %. It was found that 8 to 10 vol. % oxygen sharply reduces the coke and resin yields in comparison to the thermal (Chemistry--Physical, TT, v. 10, no. 11) (over)

63-18887

I. Subbotin, A. I.
II. Kogan, P. S.
III. Kazarnovskii, S. N.

Office of Technical Services

Aleksandrov, L. A. and Skoblo, A. I.
DETERMINATION OF INTERTRAY-ENTRAINMENT
OF THE LIQUIDS IN FRACTIONATORS. [1963]
[7]p. 11 refs.

Order from OTS or SLA \$1.10

63-18405

Trans. of Khim[iya] i Tekhnol[ogiya] Topliv i Masel
(USSR) 1962 (v. 7) no. 8, p. 53-58.

DESCRIPTORS: *Distillation, *Liquids, Containers,
Mathematical analysis, Towers (Chemistry).

An equation is proposed for determination of the liquid
entrainment in industrial fractionators and hot models
from data on tray efficiency and it was confirmed by
experimental results of a series of authors. (Author)

(Engineering--Chemical, TT, v. 10, no. 11)

63-18405

I. Title: Entrainment
I. Aleksandrov, L. A.
II. Skoblo, A. I.

Office of Technical Services

Electrochemical Aspects of the Mechanism of
Wetting Additives in Motor Oils, by
G. I. Shor, 20 pp.

RUSSIAN, per, Khimiya i Tekhnologiya Topliv
i Masel, No 8, 1962, pp 58-66.

HL Ref: 9022.9 1962 (1077)
(Loan)

Sci - Electron, Chem
Jul 63

OTS 63-26590

238,357

Kolesnikov, I. M., Panchenkov, G. M., and
Orlova, A. A.
KINETICS OF THE ALKYLATION OF TOLUENE
WITH PROPYLENE OVER AN ALUMINOSILICATE
CATALYST. [1963] 8p.
Order from ATS \$10.50 ATS-00068R

Trans. of Khimiya i Tekhnologiya Topliv i Masel
(USSR) 1962, v. 7, no. 9, p. 1-8.

DESCRIPTORS: Reaction kinetics, *Alkylation,
*Toluenes, Propenes, *Catalysts, *Aluminum com-
pounds, *Silicates.

(Chemistry--Organic, TT, v. 10, no. 1)

63-17155

63-17880

- I. Kolesnikov, I. M.
- II. Panchenkov, G. M.
- III. Orlova, A. A.
- IV. ATS-00068R
- V. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

Solomakha, G. P. and Planovskii, A. N.
THE RELATIONSHIP BETWEEN MASS TRANSFER IN
THE GAS PHASE AND BUBBLE HYDRAULIC PARAM-
ETERS (BUBBLE-CAP AND DRIP PLATES). Apr 63,
5p. 13 refs.

Order from ICE in v. 3, no. 2, \$15.00/year

Trans. of Khim[ia] i Tekh[nologiya] Topliv i Masel
(USSR) 1962 [v. 7] no. 10, p. 1-[8].

DESCRIPTORS: Chemical engineering. *Mass transfer,
Gases, *Phase studies, Liquids, Bubbles.

(Engineering--Chemical, TT, v. 10, no. 3)

63-17520

- I. Title: Bubble-cap and
drip plates
- I. Solomakha, G. P.
- II. Planovskii, A. N.
- III. International Chemical
Engineering, New York

Office of Technical Services

Aerov, M. E.
THE HYDRAULIC RESISTANCE OF A FIXED GRANU-
LAR BED, Apr 63, Sp. 25 refs.
Order from ICE in v. 3, no. 2, \$15.00/year

Trans. of Khim[ia] i Tekhnologii i Mashinostroyeniya
(USSR) 1962 [v. 7] no. 10, p. 9-15.

DESCRIPTORS: Hydraulic research, Resistance,
Packing materials, Fluid flow, Pressure, Heat trans-
fer, Chemical engineering.

(Engineering-Chemical, TT, v. 10, no. 3)

63-17522

I. Aerov, M. E.
II. International Chemical
Engineering, New York

Office of Technical Services

Davydov, P. I., Bol'shakov, G. F., and
Glebovskaya, E. A.

A STUDY OF THE EFFECT OF NITROGEN BASES
ON THE STABILITY OF FUELS AT ELEVATED
TEMPERATURES. [1963] 8p.

Order from ATS \$9.65

ATS-37Q68R

Trans. of Khimiya i Tekhnologiya Topliv i Masel
(USSR) 1962, v. 7, no. 10, p. 20-26.

DESCRIPTORS: *Fuels, Stability, Nitrogen, High
temperature research

(Materials--Fuels, TT, v. 10, no. 5)

63-17467

- I. Davydov, P. I.
- II. Bol'shakov, G. F.
- III. Glebovskaya, E. A.
- IV. ATS-37Q68R
- V. Associated Technical
Services, Inc.,
East Orange, N. J.

Krasyukov, A. F.
THE SELECTION OF COKING INSTALLATIONS.
[1963] 6p.
Order from: ATS 55,000 ATS-83Q67R

Trans. of Khimfiya i Tekhnologiya Topliv i Masel
(USSR) 1962, v. 7, no. 10, p. 32-36.

DESCRIPTORS: *Coke, Installation.

(Engineering--Chemical, TT, v. 10, no. 1)

63-17153

- I. Krasyukov, A. F.
- II. ATS-83Q67R
- III. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

The Theory of the Use of Viscosity Improving
Additives in Lubricating Oils, by
Ye. G. Semanido.
RUSSIAN, per, Khim Tekhnol Topl-iv Masel, Vol 7,
No 10, 1962, pp 52-55.
NLL Ref:5828.4F (M.13423)

Sci-Materials
Feb 70

401,553

Characteristics of Microcontaminations
in Average Distillate Fuels, by
Ya. B. Chortkov, V. N. Zrelcv, 13 pp.
RUSSIAN, por, Khim i Tekh Toplivo i Masel,
No 10, 1962, pp 56-59. 9695119
FTD-TT-65-1020

Sci - Fuels & Prop
Feb 66

294,744

Strom, D. A.
PREPARATION OF SYNTHETIC FATTY ACIDS
BY CONTINUOUS OXIDATION OF PARAFFIN.
[1963] 5p
Order from OTS, SLA, or STC \$1.10 TT-64-14255

Trans. of Khimiya i Tekhnologiya Toplivo i Masel
(USSR) 1962 [v. 7] no. 12, p. 26-28. (Abstract available)

DESCRIPTORS: Fatty acids, Synthesis (Chemistry),
Oxidation, Alkanes, Industrial production.

A continuous process was used with a direct-flow
scheme, connecting in series four oxidation columns
with continuous feed of the raw material by pump into
the first column and release of the final oxidation
product from the fourth column. This arrangement
raised sharply the productivity of the apparatus and
made it possible to obtain a final product of constant
quality. (Author)
(Chemistry--Organic, TT, v. 11, no. 7)

TT-64-14255

I. Strom, D. A.

TT-65-18195

Office of Technical Services

Coaxial Cone Gas-Distribution Devices for Installations
with Fluidized Layers, by R. Fraiman.

RUSSIAN, per, Khimiya i Tekhnologiya Topliva i Masel

Vo. 7, No. 12, 1962, pp 44-46

CSIRO/ No. 6915

Sci -

Aug 67

335-994

Dobrokhotoy, N. N. and Nichiporenko, O. S.
TRANSPORTATION OF MATTER IN FLUIDIZED
BED REACTORS. [1963] 6p 1ref
Order from OTS, SLA, or ETC \$1.10 TT-64-10688

Trans. of Khim[iya] i Tekhnol[ogiya] Topliv i Masel
(USSR) 1962 [v. 7] no. 12, p. 44-47.

DESCRIPTORS: *Fluidized solids, *Minerals, Parti-
cles, Fluid dynamic properties, *Mass transfer,
*Conveyors.

(Engineering--Chemical, TT, v. 11, no. 9)

TT-64-10688

I. Dobrokhotoy, N. N.
II. Nichiporenko, O. S.

Office of Technical Services

Polyakova, A. A., Khmel'nitskii, R. A. and others.
MASS-SPECTROMETRIC ANALYSIS OF PRODUCTS
WITH A HIGH CONTENT OF UNSATURATED
HYDROCARBONS. [1963] 6p.

Order from ATS \$8.15

ATS-66Q70R

Trans. of Khim[iya] i Tekhnologii Topliv i Masel.
(USSR) 1962, v. 7, no. 12, p. 59-64.

DESCRIPTORS: *Mass spectroscopy, *Hydrocarbons,
Spectrum analyzers.

(Physics--Spectroscopy, TT, v. 10, no. 9)

63-22174

- I. Polyakova, A. A.
- II. Khmel'nitskii, R. A.
- III. ATS-66Q70R
- IV. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

The Development of the Petroleum Industry of the
German Democratic Republic, by L. K. Tatevosyan,
8 pp.

RUSSIAN, per, Khimiya i Tekhnologiya Topliv i
Max Masel, Oct 1962, pp 68-70.

CIA/FDD X 5056

EEur - East Germany

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Nov 62

217,321

TT-64-10689

Grekova, A. M., Manakov, N. Kh., and Manshillin, V. V.

SOME HYDRODYNAMIC PROPERTIES OF POWDERED CATALYSTS IN FLUIDIZED BED. [1963] 9p 12refs
Order from OTS, SLA, or ETC \$1.10 TT-64-10689

Trans. of Khim[iya] i Tekhnol[ogiya] Topliv i Masel (USSR) 1963 [v. 8, no. 1] p. 4-10.

DESCRIPTORS: *Fluidized solids, *Catalysts, Powders, Fluid dynamic properties, *Mass transport.

Topics include: effect of fractional composition of a catalyst powder on its hydrodynamical properties; dynamics of the fractional composition of entrained solid; hydrodynamic properties of the fractions entrained from the fluidized bed; utilization of the entrainment value for the choice of catalyst samples; utilization of the entrainment value for determination of apparatus diameter.

(Engineering--Chemical, TT, v. 11, no. 9)

I. Grekova, A. M.
II. Manakov, N. Kh.
III. Manshillin, V. V.

Office of Technical Services

Vol'pova, E. G. and Ogloblina, L. I.
POLYMERIZATION OF PROPYLENE ON SILICO-
TUNGSTIC ACID CATALYSTS. [1963] 6p.

Order from ATS \$8.25

ATS-38Q69R

Trans. of Khimiyai i Tekhnologii Topliv i Masel
(USSR) 1963, v. 8, no. 1, p. 19-24.

DESCRIPTORS: Catalysts, *Tungstic acid, *Silicon
compounds, *Propenes, Polymerization.

(Chemistry--Organic, IT, v. 10, no. 6)

63-17782

- I. Vol'pova, E. G.
- II. Ogloblina, L. I.
- III. ATS-38Q69R
- IV. Associated Technical
Services, Inc.,
East Orange, N. J.

ATS KJ-3822

Office of Technical Services

The Oxidation of Vat Residue in a Mixture
of Paraffins and Unsaponification, by
V. I. Babaev, I. E. Rusinov.
RUSSIAN, per, Khimiya i Tekhnologiya Topliv
i Masel, Vol VIII, No 1, 1963, pp 24-27.
CFSTI TT 63-27101

Sci
Jun 67

327,271

Pyrolysis of Straight Run Gasoline in
Overheated Stem, by V. I. Maiorov,
T. N. Mukhina.

RUSSIAN, per, Khimiya i Tekhnologiya
Topliv i Masel, Vol VIII, No 1, 1963,
pp 34-38.

CFSTI TT 63-27100

327, 279

Jun 67

Determination of the Basic Dimensions of Tray
Rectification Columns, by I. A. Aleksandrov.
RUSSIAN, per, Khim i Tekhnol Topliv i Masel,
Vol 8, No 1, 1963, pp 50-58.
ATS RJ-4976

Sci-Phys
Feb 69

373,790

Vasil'ev, S. P., Lapides, N. A., and Mosin, A. M.
HIGH-TEMPERATURE FLAMELESS OXIDATION OF
HYDROCARBONS AS A METHOD OF PREPARATION
OF OLEFIN MONOMERS. [1963] 7p
Order from ATS \$9.75

ATS-18Q71R

Trans. of Khim[ia] i Tekhnol[ogiya] Topliv i Masel
(USSR) 1965, v. 8, no. 2, p. 10-14.

DESCRIPTORS: *Hydrocarbons, *Oxidation, *Alkenes,
Preparation.

(Chemistry--Organic, TT, v. 10, no. 10)

63-22571

- I. Vasil'ev, S. P.
- II. Lapides, N. A.
- III. Mosin, A. M.
- IV. ATS-18Q71R
- V. Associated Technical
Services, Inc.,
East Orange, N. J.

NCH-202 982

Field 7D, 7C

Stryuk, A. G.; Zimna, E. I.

QUANTITATIVE DETERMINATION OF SOME AROMATIC
HYDROCARBONS BY MEANS OF THE ULTRAVIOLET
ABSORPTION SPECTRA. 1965, 6p. ATS-11588R.

Order from ATS: \$9.85 as ATS-11588R

Trans. of Khimiya i Tekhnologiya Topliva Masel (USSR)
v5 n2 p52-6 1963.

L. Associated Technical
Services, Inc.,
East Orange, N. J.

Effect of Air Flow Rate on the Kinetics
of Oxidative Regeneration of Cracking
Catalysts, by S. V. Adel'son, A. Ya. Zaitova.
RUSSIAN, per, Khimiya i Tekhnologiya
Topliv i Masel, Vol VIII, No 4, 1963, pp 16-20.
ATS-61R77R

Apr 67

323,055

The Dependence Between the Value of the Heat
Production Coefficient and the Lower Heat of Fuel
Combustion, by I. Ye. Bespolov, A. V. Chereva, 5 pp.
RUSSIAN, per, Khim i Tekh Toplivo i Masel, No 4,
1963, pp 64-65. 9896270
FTD-IT-64-936

Sci - Fuels & Prop
Mar 65

276,932

Oxidation of Paraffin Wax in the Foam Phase,
by V.M. Sedachev.

RUSSIAN, per, Khimiya i Tekhnologiya Topliv
i Masel, No 5, 1963, pp 18-22

GB/3

Sci -
Jul 67

334,998

The Oxidation of Branched Paraffins, by
P. G. Igonin, V. V. Svitkin, 9 pp. POST EDITED

RUSSIAN, per, Khimiya i Tekh Toplivo i Masel,
No 5, 1963, pp 34-38. 9693202

FTD-MT-64-02
GOV'T USE ONLY

Sci - Chem
Jul 64

263,708

Basov, A. N., Gutsalt, Z. I., Zlotnikova, L. G.,
and Yudaeva, G. V.
CHANGES IN THE METHODS OF PETROLEUM
PRODUCT COST CALCULATION. [Jan 64] 7p
Order from ATS \$8.65 ATS-60Q72R

Trans. of Khim[iya] i Tekhnol[ogiya] Topliv i Masel
(USSR) 1963, v. 8, no. 3, p. 42-46.

DESCRIPTORS: *Petroleum, Production, Costs.

(Engineering--Chemical, TT, v. 11, no. 10)

TT-64-12379

I. Basov, A. N.
II. Gutsalt, Z. I.
III. Zlotnikova, L. G.
IV. Yudaeva, G. V.
V. ATS-60Q72R
VI. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Insoluble Residues, Forming During the
Heating of Jet Fuels, by G. F. Bol'shakov,
5 pp.
RUSSIAN, per, Khim i Tekh Topliv i Masel,
No 5, 1963, pp 55-57. 9699091)
FTD-TT-65-1064

Sci - Fuels & Prop
Feb 66

296,405

Platonov, V. M., Monko, Ya. D., and Bergo, B. G.
OPTIMAL FEEDING CONDITIONS IN FRACTIONATION
OF MULTI-COMPONENT SYSTEMS. '1964' 8p 5refs
Order from CTS, SLA, or ETC \$1.10 TT-64-14953

Trans. of Khimiya i Tekhnologiya Topliva i Mass
(USSR) 1963 [v. 8] no. 6, p. 12-16.

(Engineering-Chemical, TT, v. 11, no. 11)

TT-64-14953

I. Platonov, V. M.
II. Monko, Ya. D.
III. Bergo, B. G.

Office of Technical Services

Piguzova, L. I. and Virukhina, A. S.
PREPARATION AND CERTAIN CATALYTIC PROPERTIES OF CaX (10X) SORBENT. [1964] 6p
Order from ATS \$8.25 ATS-01Q74R

Trans. of Khim[ya] i Tekhnol[ogiya] Topliv i Masel
(USSR) 1963, v. 8, no. 6, p. 17-21.

(Engineering--Chemical, TT, v. 11, no. 12)

TT-64-12767

I. Piguzova, L. I.
II. Virukhina, A. S.
III. ATS-01Q74R
IV. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

The Influence of Polymethylsiloxane Fluid on
the Properties of Motor Oils, by
I. F. Blagovidov, M. S. Borovaya.

RUSSIAN, per, Khimiya i Tekhnologiya Topliv i
Masel, Vol VIII, No 6, 1963, pp 52-57.

OT 7802

Sci - Chem
Jan 64

ALL (for) Ref: 90029 1963 (1082)
248,515

OT 7802 - 64 - 1002

Effect of Additives on the Antiwear Properties
of Fuels, by G. I. Kitchin, I. V. Rozhkov, 12 pp.
RUSSIAN, per, Khim i Tekh Toplivo i Masel, No 6,
1963, pp 60-65. 9696271
FTD-TT-64-987

Sci - Fuels & Prop
Mar 65

276,931

Gaisner, D. A.
QUALITY OF PETROLEUM PRODUCTS ON THE
WORLD MARKET, [1964] 5p
Order from ATS \$5.75 ATS-13Q74R

Trans. of Khim[ya] i Tekhnol[ogiya] Topliv i Masei
(USSR) 1963, v. 8, no. 7, p. 64-67.

(Engineering--Chemical, TT, v. 11, no. 12)

TT-64-12673

I. Gaisner, D. A.
II. ATS-13Q74R
III. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Ragozin, N. A., Rouzhina, N. P.,
Tereshchenko, E. R., and Pishkov, N. N.
QUALITY OF JET FUELS IN FOREIGN COUNTRIES.
[1964] 3p
Order from ATS \$5.00

ATS-14Q74R

Trans. of Khim[iya] i Tekhnol[ogiya] Topliv i Masel
(USSR) 1963, v. 8, no. 7, p. 68-69.

(Materials--Fuels, TT, v. 11, no. 12)

TT-64-12672

I. Ragozin, N. A.
II. Rouzhina, N. P.
III. Tereshchenko, E. R.
IV. Pishkov, N. N.
V. ATS-14Q74R
VI. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Skiyar, M. G. and Shustikov, V. I.
THE EFFECT OF PRESSURE DURING PYROLYSIS OF
COALS. [1963] [8p] 11 refs C. E. Trans. 3253.
Order from OTS, SLA, or ETC \$1.10 TT-64-15274

Trans. of Khim[iya] i Tekhnol[ogiya] Topliv i Masel
(USSR) 1962, v. 8, no. 8, p. 39-42.

(Engineering--Chemical, TT, v. 11, no. 12)

TT-64-15274

- I. Skiyar, M. G.
- II. Shustikov, V. I.
- III. CE-Trans-3253
- IV. Central Electricity
Generating Board,
London (England)

Office of Technical Services

Effect of Fractional and Hydrocarbon
Composition of Fuels on Thermal Stability,
by Ye. M. Bushuyeva, I. Ye. Bespolov, 10 pp.
RUSSIAN, per, Khimiya i Tekh Toplivo
Moskva, No 8, 1963, pp 49-54. 9696528
ITD-T1-64-936

Sci - Fuels & Prop
Apr 65

278,317

On the Effect of Bremsstrahlung of ≈ 25 MEV
Betatron and Ultraviolet Rays on Mineral Oils,
by S. Z. Kaplan, A. P. Basin, 13 pp.
RUSSIAN, per, Khimiya i Tekhnologiya Topliv i
Masel, No 8, 1963, pp 57-61. 9692632
FTD-TT-64-224

Sci - Chem
Jun 64

261,484

The Properties of a Fluidized Bed of Coke
During Combustion, by V.F.Gorlov and A.I.Skoblo.
RUSSIAN, per, Khimiya i Tekhnologiya Topliv i
Masel, Vol.8, No.9, pp.11-16, 1963.
CFSTI-TT-66-60463

Sept 66

309,271

Investigating Low-Sulfur Extracts of Selective Oil Purification
And the Product of Their Thermal Cracking, by V. I. Zavidov,
Z. V. Fedorova, 9 pp.
RUSSIAN, per, Khim i Tekh Toplivi i Masel, No 9, 1963,
pp 23-27. 9691543

FTD-TT-63-1152

Sci - Chem
Mar 64

251,066

Investigation of Inorganic Salts for the Purpose of Using
Them as High-Temperature Lubricants, by M. M. Fialko,
A. I. Dintses, 9 pp.
RUSSIAN, per, Khim i Tekh, Topliv i Masel, No 10, 1963,
pp 22-26. 9691540

FTD-TT-63-1151

Sci - M/M
Mar 64

2591,062

Mikhailov, L. A. and Loktionova, E. L.
ADSORPTION PROPERTIES OF MOLECULAR SIEVES
IN LIQUID-PHASE SORPTION OF HYDROCARBONS.

7p

Order from ATS \$12.50

ATS-35R75R

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